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TRANSMITTAL FORM

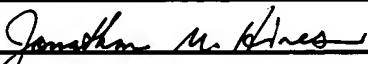
(to be used for all correspondence after initial filing)

| | | | |
|--|----------------------|------------------------|--------|
| | Application Number | 10/519,855 | |
| | Filing Date | 12/29/2004 | |
| | First Named Inventor | Hidechika Okada | |
| | Art Unit | Not Yet Assigned | |
| | Examiner Name | Not Yet Assigned | |
| Total Number of Pages in This Submission | 15 | Attorney Docket Number | 3348/1 |

ENCLOSURES (Check all that apply)

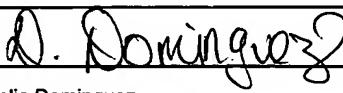
| | | |
|--|---|---|
| <input checked="" type="checkbox"/> Fee Transmittal Form <input checked="" type="checkbox"/> Fee Attached <input type="checkbox"/> Amendment/Reply <input type="checkbox"/> After Final <input type="checkbox"/> Affidavits/declaration(s) <input type="checkbox"/> Extension of Time Request <input type="checkbox"/> Express Abandonment Request <input type="checkbox"/> Information Disclosure Statement <input type="checkbox"/> Certified Copy of Priority Document(s) <input type="checkbox"/> Reply to Missing Parts/ Incomplete Application <input type="checkbox"/> Reply to Missing Parts under 37 CFR 1.52 or 1.53 | <input type="checkbox"/> Drawing(s) <input type="checkbox"/> Licensing-related Papers <input type="checkbox"/> Petition <input type="checkbox"/> Petition to Convert to a Provisional Application <input checked="" type="checkbox"/> Power of Attorney, Revocation <input type="checkbox"/> Change of Correspondence Address <input type="checkbox"/> Terminal Disclaimer <input type="checkbox"/> Request for Refund <input type="checkbox"/> CD, Number of CD(s) _____ <input type="checkbox"/> Landscape Table on CD | <input type="checkbox"/> After Allowance Communication to TC <input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences <input type="checkbox"/> Appeal Communication to TC (Appeal Notice, Brief, Reply Brief) <input type="checkbox"/> Proprietary Information <input type="checkbox"/> Status Letter <input checked="" type="checkbox"/> Other Enclosure(s) (please Identify below): Submission of Documents; Declaration; Sequence Listing; Response to Notification of Missing Requirements; Copy of Notification of Missing Req. |
| Remarks Please charge Deposit Account No. 01-0265 if there are any fees due in connection with this matter. | | |

SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT

| | | | |
|--------------|---|----------|--------|
| Firm Name | ADAMS EVANS P.A. | | |
| Signature |  | | |
| Printed name | Jonathan M. Hines | | |
| Date | 09/14/2005 | Reg. No. | 44,764 |

CERTIFICATE OF TRANSMISSION/MAILING

I hereby certify that this correspondence is being facsimile transmitted to the USPTO or deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on the date shown below:

| | | | |
|-----------------------|---|------|------------|
| Signature |  | | |
| Typed or printed name | Delia Dominguez | Date | 09/14/2005 |

This collection of information is required by 37 CFR 1.5. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

Effective on 12/08/2004.

Fees pursuant to the Consolidated Appropriations Act, 2005 (H.R. 4818).

FEE TRANSMITTAL

For FY 2005

 Applicant claims small entity status. See 37 CFR 1.27

TOTAL AMOUNT OF PAYMENT (\$)

130.00

Complete if Known

| | |
|----------------------|------------------|
| Application Number | 10/519,855 |
| Filing Date | 12/29/2004 |
| First Named Inventor | Hidechika Okada |
| Examiner Name | Not Yet Assigned |
| Art Unit | Not Yet Assigned |
| Attorney Docket No. | 3348/1 |

METHOD OF PAYMENT (check all that apply)

Check Credit Card Money Order None Other (please identify): _____

Deposit Account Deposit Account Number: 01-0265 Deposit Account Name: ADAMS EVANS P.A.

For the above-identified deposit account, the Director is hereby authorized to: (check all that apply)

Charge fee(s) indicated below Charge fee(s) indicated below, except for the filing fee

Charge any additional fee(s) or underpayments of fee(s) under 37 CFR 1.16 and 1.17 Credit any overpayments

WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.

FEE CALCULATION

1. BASIC FILING, SEARCH, AND EXAMINATION FEES

| Application Type | FILING FEES | | SEARCH FEES | | EXAMINATION FEES | |
|------------------|-------------|--------------|-------------|--------------|------------------|--------------|
| | Fee (\$) | Small Entity | Fee (\$) | Small Entity | Fee (\$) | Small Entity |
| Utility | 300 | 150 | 500 | 250 | 200 | 100 |
| Design | 200 | 100 | 100 | 50 | 130 | 65 |
| Plant | 200 | 100 | 300 | 150 | 160 | 80 |
| Reissue | 300 | 150 | 500 | 250 | 600 | 300 |
| Provisional | 200 | 100 | 0 | 0 | 0 | 0 |

2. EXCESS CLAIM FEES

Fee Description

| Total Claims | Extra Claims | Fee (\$) | Fee Paid (\$) | Small Entity | Fee (\$) |
|--|--------------|----------|---------------|--|---------------------------------------|
| - 20 or HP = | x | = | | 50 | 25 |
| HP = highest number of total claims paid for, if greater than 20. | | | | 200 | 100 |
| Indep. Claims | Extra Claims | Fee (\$) | Fee Paid (\$) | 360 | 180 |
| - 3 or HP = | x | = | | Adjustment date: 10/25/2005 SFREY1 09/23/2005 SFREY1 00000165 010265 10519855 01 FC:1617 130.00 DR | Multiple Dependent Claims Fee (\$) |
| HP = highest number of independent claims paid for, if greater than 3. | | | | | Fee Paid (\$) |

3. APPLICATION SIZE FEE

If the specification and drawings exceed 100 sheets of paper (excluding electronically filed sequence or computer listings under 37 CFR 1.52(e)), the application size fee due is \$250 (\$125 for small entity) for each additional 50 sheets or fraction thereof. See 35 U.S.C. 41(a)(1)(G) and 37 CFR 1.16(s).

| Total Sheets | Extra Sheets | Number of each additional 50 or fraction thereof | Fee (\$) | Fee Paid (\$) |
|--------------|--------------|--|----------|---------------|
| - 100 = | / 50 = | (round up to a whole number) x | = | |

4. OTHER FEE(S)

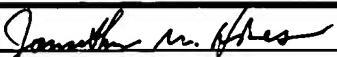
Non-English Specification, \$130 fee (no small entity discount)

Other (e.g., late filing surcharge): English translation surcharge

Fees Paid (\$)

\$130.00

SUBMITTED BY

| | | | |
|-------------------|---|---|------------------------|
| Signature |  | Registration No. (Attorney/Agent) 44,764 | Telephone 704-375-9249 |
| Name (Print/Type) | Jonathan M. Hines | | Date 09/14/2005 |

This collection of information is required by 37 CFR 1.136. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 30 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

09/23/2005 SFREY1 00000165 010265 10519855

01 FC:1617 130.00 DR

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

APPLICANT: Hidechika Okada

SERIAL NO: 10/519,855

ART UNIT: Not Yet Assigned

FILING DATE: 12/29/2004

EXAMINER: Not Yet Assigned

FOR: HUMAN IgM ANTIBODY INDUCING APOPTOSIS
IN HIV-INFECTED CELLS AND REMEDY FOR
HIV-INFECTION

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

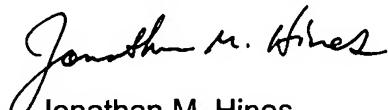
SUBMISSION OF DOCUMENTS

Sir:

In response to the Notification of Missing Requirements Under 35 U.S.C. 371 in the United States Designated/Elected Office (DO/EO/US) attached is the Declaration for Utility or Design Patent application, Power of Attorney forms, Response to the Notification of Missing Requirements Under 35 U.S.C. 371 in the United States Designated/Elected Office (DO/EO/US), and a English translation of the sequence listing information (paper copy and diskette).

If there are any fees due in connection with this matter, please charge Applicant's Deposit Account No. 01-0265.

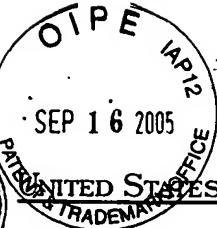
Respectfully submitted,



Jonathan M. Hines
Attorney for Applicant
Reg. No. 44,764

Jonathan M. Hines
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Our File No. 3348/1

PCT



UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE
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P.O. Box 1450
Alexandria, Virginia 22313-1450
www.uspto.gov

| U.S. APPLICATION NUMBER NO. | FIRST NAMED APPLICANT | ATTY. DOCKET NO. |
|-----------------------------|-----------------------|------------------|
| 10/519,855 | Hidechika Okada | 3348/1 |

INTERNATIONAL APPLICATION NO.

PCT/JP03/08305

| I.A. FILING DATE | PRIORITY DATE |
|------------------|---------------|
| 06/30/2003 | 07/01/2002 |

Adams Evans
2180 Two Wachovia Center
301 S Tryon Street
Charlotte, NC 28282

CONFIRMATION NO. 7847
371 FORMALITIES LETTER



OCC09000016484543

Date Mailed: 07/15/2005

NOTIFICATION OF MISSING REQUIREMENTS UNDER 35 U.S.C. 371 IN THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US)

The following items have been submitted by the applicant or the IB to the United States Patent and Trademark Office as a Designated / Elected Office (37 CFR 1.495).

- Indication of Small Entity Status
- Copy of the International Application filed on 12/29/2004
- English Translation of the IA filed on 12/29/2004
- Copy of the International Search Report filed on 12/29/2004
- Copy of IPE Report filed on 12/29/2004
- U.S. Basic National Fees filed on 12/29/2004
- Priority Documents filed on 12/29/2004

R E C E I V E D
JUL 20 2005

ADAMS EVANS P.A.

The following items **MUST** be furnished within the period set forth below in order to complete the requirements for acceptance under 35 U.S.C. 371:

- Translation of the application into English. The current translation of the application into English is defective as described below. Note a processing fee will be required if submitted later than 30 months from the priority date.
 - The sequence information is missing from the english translation.
- Processing fee for providing the translation of the application and/or the Annexes later than 30 months from the priority date (37 CFR 1.492(f)).
- Oath or declaration of the inventors, in compliance with 37 CFR 1.497(a) and (b), identifying the application by the International application number and international filing date.

SUMMARY OF FEES DUE:

Total additional fees required for this application is \$130 for a Small Entity:

Missing Requirements Reminder - 8.15.05
Missing Requirements Due - 9.15.05

- \$130 for English translation surcharge required.

- This application does not contain, as a separate part of the disclosure on paper copy, a "Sequence Listing" as required by 37 CFR 1.821(c) Applicant must provide an initial paper or compact disc copy of the "Sequence Listing", as well as an amendment directing its entry into the application and a statement that the content of the sequence listing information recorded in computer readable form is identical to the written (on paper or compact disc) sequence listing and, where applicable, includes no new matter, as required by 37 CFR 1.821(e), 1.821(f), 1.821(g), 1.825(b), or 1.825(d). If the effective filing date is on or after September 8, 2000, see the final rulemaking notice published in the Federal Register at 65 FR 54604 (September 8, 2000) and 1238 OG 145 (September 19, 2000).
- A copy of the "Sequence Listing" in computer readable form has not been submitted as required by 37 CFR 1.821(e). If the effective filing date is on or after September 8, 2000, see the final rulemaking notice published in the Federal Register at 65 FR 54604 (September 8, 2000) and 1238 OG 145 (September 19, 2000). Applicant must provide an initial computer readable form (CRF) copy of the "Sequence Listing" and a statement that the content of the sequence listing information recorded in computer readable form is identical to the written (on paper or compact disc) sequence listing and, where applicable, includes no new matter, as required by 37 CFR 1.821(e), 1.821(f), 1.821(g), 1.825(b), or 1.825(d). If applicant desires the sequence listing in the instant application to be identical with that of another application on file in the U.S. Patent and Trademark Office, such request in accordance with 37 CFR 1.821(e) may be submitted in lieu of a new CRF.

ALL OF THE ITEMS SET FORTH ABOVE MUST BE SUBMITTED WITHIN TWO (2) MONTHS FROM THE DATE OF THIS NOTICE OR BY 32 MONTHS FROM THE PRIORITY DATE FOR THE APPLICATION, WHICHEVER IS LATER. FAILURE TO PROPERLY RESPOND WILL RESULT IN ABANDONMENT.

The time period set above may be extended by filing a petition and fee for extension of time under the provisions of 37 CFR 1.136(a).

Applicant is cautioned that correction of the above items may cause the specification and drawings page count to exceed 100 pages. If the specification and drawings exceed 100 pages, applicant will need to submit the required application size fee.

For questions regarding compliance to 37 CFR 1.821-1.825 requirements, please contact:

- For Rules Interpretation, call (571) 272-0951
- For Patentin Software Program Help, call Patent EBC at 1-866-217-9197 or directly at 703-305-3028 / 703-308-6845 between the hours of 6 a.m. and 12 midnight, Monday through Friday, EST.
- Send e-mail correspondence for Patentin Software Program Help @ ebc@uspto.gov

Applicant is reminded that any communications to the United States Patent and Trademark Office must be mailed to the address given in the heading and include the U.S. application no. shown above (37 CFR 1.5)

*A copy of this notice **MUST** be returned with the response.*

JOHN L ANDERSON

Telephone: (703) 308-9140 EXT 211

PART 1 - ATTORNEY/APPLICANT COPY

| U.S. APPLICATION NUMBER NO. | INTERNATIONAL APPLICATION NO. | ATTY. DOCKET NO. |
|-----------------------------|-------------------------------|------------------|
| 10/519,855 | PCT/JP03/08305 | 3348/1 |